

Attorney's Docket No.: 07977-264001 / US4594

a plurality of cylindrical rollers being provided between the one end and the other end along an arc with a radius R;  
a ground electrode in contact with each of the plurality of cylindrical rollers;  
an opposing electrode opposing the ground electrode;  
a vacuum chamber;  
an introducing means for introducing a gas into the vacuum chamber;  
a gas evacuation means; and  
an energy supplying means for supplying an energy to make a plasma from the gas;  
wherein the flexible substrate is located between the ground electrode and the opposing electrode,  
wherein counter axes of the plurality of cylindrical rollers run parallel to each other,  
wherein the substrate is in contact with each of the plurality of cylindrical rollers,  
wherein the ground electrode act as a conveyance supporting portion,  
wherein the plurality of cylindrical rollers is provided with a heater.

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3. (Amended) A film formation apparatus for a flexible substrate, said film formation apparatus comprising:

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at least two rollers for continuously conveying the flexible substrate from one end to the other end;

a plurality of cylindrical rollers being provided between the one end and the other end along an arc with a radius R;

a ground electrode in contact with each of the plurality of cylindrical rollers;

an opposing electrode opposing the ground electrode, wherein the flexible substrate is located between the ground electrode and the opposing electrode,

wherein center axes of the plurality of cylindrical rollers run parallel to each other,

wherein the substrate is in contact with each of the plurality of cylindrical rollers,

wherein the ground electrode act as a conveyance supporting portion,

wherein the plurality of cylindrical rollers is provided with a heater.